

Sir:

In response to the Final Action mailed on March 19, 1999, and the Examiner's Answer (Paper #16) in the pending Appeal in this matter, please amend the above-identified application as indicated below.

IN THE CLAIMS

Please cancel Claims 1-29.

Please add the following claims:

- 1 ~~3~~ 3. (New) A reactive personnel protection system comprising:
- 2 a radar-based projectile detection system, wherein said radar based projectile
- 3 detection system operates at a frequency of 8-20 Ghz;
- 4 at least one rapidly deployable air bag; and
- 5 a gas-generating system for rapid deployment of said air bag in response to
- 6 detection of the approach of a projectile in proximity to said person by said detection
- 7 system.

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34.

(New) A reactive personnel protection system comprising:

a radar-based projectile detection system, wherein said radar based projectile detection system operates at a frequency of 10.5 Ghz.;

at least one rapidly deployable air bag; and

a gas-generating system for rapid deployment of said air bag in response to detection of the approach of a projectile in proximity to said person by said detection system.

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35.

(New) A reactive personnel protection system comprising:


a radar-based projectile detection system, wherein said radar based projectile detection system has anti-jamming electronics;

at least one rapidly deployable air bag; and

a gas-generating system for rapid deployment of said air bag in response to detection of the approach of a projectile in proximity to said person by said detection system.

1 ⁶
~~36.~~ (New) A method to reactively protect personnel from the rapid approach of an
2 object by deployment of an air bag prior to the arrival of the object at the location of said
3 personnel, comprising the steps of:

4 detecting the approach of said object, wherein said detecting step is accomplished
5 using a radar-based projectile detection system and wherein said object is a ballistic
6 projectile;

7  discriminating the presence of said object with respect to the presence of electronic
8 noise;

9 activation of a gas-generation system in response to discrimination of the presence
10 of said object; and

11 deployment of an air bag between said object and said personnel responsive to said
12 activation of said gas-generation system.

1 ⁷
~~37.~~ (New) The method of Claim ~~36~~⁶, wherein said radar-based projectile detection
2 system operates at a frequency of 8-20 Ghz.

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~~38.~~ (New) The method of Claim ~~36~~⁶, wherein said radar-based projectile detection
2 system operates at a frequency of 10.5 Ghz.